

RUKAVISHNIKOV, S.B., dotsent, kand.tekhn.nauk

Automatic control of electric propulsion systems. Trudy
NTO sud.prom. 8 no.5:57-60 '59. (MIRA 13:7)
(Ship propulsion, Electric)
(Automatic control)

NIKOLAYEV, A.F., kand.tekhn.nauk; RUKAVISHNIKOV, S.V., kand.tekhn.nauk

The LFM-P-34 ice-cutting machine. Biul.tekh.-ekon.inform. no.9:
77-79 '61. (MIRA 14:9)

(Ice on rivers, lakes, etc.)

RUKAVISHNIKOV, Sergey Borisovich, kand. tekhn. nauk, dots.;
YEVSEYEV, V.I., red.

[Electric ship propulsion systems; abstracts of lectures]
Grebnye elektricheskie ustanovki; konspekt lektsii. Lenin-
grad, Leningr. elektrotekhn. in-t im. V.I.Ul'ianova (Lenina),
1962. 247 p. (MIRA 15:7)

(Ship propulsion, Electric)

RUKAVISHNIKOV, S.V., kand.tekhn.nauk; SHURTYGIN, K.I., kand.tekhn.nauk;
FEDIN, I.V., inzh.

Interchangeable working parts for the FTK-GPI-38 cutting trench
digger. Stroi. i dor. mash. 8 no.2411-12 F '63. (MIRA 16:3)
(Excavating machinery)

NIKOLAYEV, A.F., kand.tekhn.nauk; RUZAVINSHNIKOV, S.V., kand.tekhn.nauk;
FEDIN, P.V., inzh.

The FTK-GPI-38 cutting trencher. Stroi. i dor. mash. 7 no.7:5-8 J1
'62. (MIRA 15:7)
(Excavating machinery)

NIKOLAYEV, A.F., kand.tekhn.nauk; RUKAVISHNIKOV, S.V., kand.tekhn.nauk;
MIDIN, I.V., inzh.

Reducing gear with power take-off for DT-54A tractors. Stroi.
i dor. mash. 6 no.9:23-24 S '61. (MIRA 14:10)
(Tr. ctors--Engines)

NIKOLAYEVICH, V.

D. ALCHALOV, CR, 1939, 25, 111-113

RUZAVISHNIKOV, V.

Shorter logbooks for metal-cutting equipment. Sets. trud no. 4:88-90
Ap '57. (MIRA 10:6)

(Metalworking machinery)

RUKAVISHNIKOV, V. (Novokuznetsk, Kemerovskoy obl.)

Driving the T-200 motor scooter. Za rul. 21 no.3:18 Mr '63.
(MIRA 16:4)

(Motor scooters)

RUKAVISHNIKOV, V.G. (Leningrad, ul. K. Zaslonoa, 36/38, kv. 5)

Dystrophic changes in the liver in cancers of various localizations.
Vop.onk. 5 no.9:269-273 '59. (MIRA 12:12)

1. Iz prozektury bol'nitsy Frunzenskogo rayona Leningrada (glavnyy
vrach - L.Z. Talyzina, nauchnyy rukovoditel' raboty - prof S.S. Vayl').
(LIVER pathol.)
(NEOPLASMS pathol.)

SUKHANOV, B.I.; RUKAVISHNIKOV, V.G.

Inelastic scattering of 14 Mev. neutrons on sodium, iron, nickel,
and lead nuclei. Atom. energ. 11 no.4:398-399 0 '61. (MIRA 14:9)
(Neutrons--Scattering) (Nuclei, Atomic)

RUKAVISHNIKOV, V. I., I. L. BERNSTEIN and V. F. BARYSHEV

Skorostnoe tochenie stalei v podshipnikovom proizvodstve (Opyt raboty 1 GPZ im. Kaganovich). Moskva, Mashgiz, 1950.

High-speed steel-grinding for the production of bearings.

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

ROBERT CLARK, V. 1.

D. W. RICHARD, CR, 1989, 24, 32-33

R. KAVISHNIKOV, Y. I.

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P.; BARMASH, A.I.; BEDNYAKOVA, A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITTUTSKOV, V.I.; BLYUMENBERG, V.V.; BOMCH-BRUYEVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S., [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY, Ye.M.; GOHBUNOV, P.P.; GORYALNOV, F.A.; GRINBERG, B.G.; GRYUNER, V.S.; DANOVSIIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S., [deceased]; YEGORCHENKO, B.F., [deceased]; YEL'YASHKEVICH, S.A.; ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.; KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLLESNIKOV, I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.; LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.; NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye.; RZHEVSKIY, V.V.; ROZENBERG, G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.; RUTOVSKIY, B.N., [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.; STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV, A.V.; FERRE, N.E.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.; SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAYS, A.V.;

(Continued on next card)

ANDREYEV, A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; ~~BERKE~~
 GEYM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor;
 BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L.,
 retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV,
 A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor;
 DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent;
 redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M.
 retsenzent, redaktor; ZHERMOCHKIN, D.N., retsenzent, redaktor;
 SHURAYCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent,
 redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M.,
 retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor;
 MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor;
 METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent;
 redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A.,
 retsenzent, redaktor; PANYUKOV, M.P., retsenzent, redaktor; PLAKSIN,
 I.N., retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor;
 RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent;
 redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G.,
 retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent,
 redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B.,
 retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor;
 SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent,
 redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye.,
 retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor;
 (Continued on next card)

ANDREYEV, A.V., (continued) Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
(Technology--Dictionaries)

ISAYEV, Aleksey Il'ich, doktor tekhn. nauk, prof.; KIRILLOVA, Ol'ga
Mikhaylovna, inzh.; REMEZOV, N.S., inzh., ved. red.;
RUKAVISHNIKOV, V.I., inzh., red.; SMIRNOV, B.M., tekhn.red.

[Investigating the cutting properties of cutting tools with
TSM-332 ceramic metal tips] Issledovanie rezhushchikh svoistv
reztsov s mineralokeramicheskimi plastinkami TsM-332. Moskva,
Filial Vses.in-ta nauchn. i tekhn.informatsii, 1957. 17 p.
(Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11
No.M-57-68/3) (MIRA 16:3)
(Metal-cutting tools--Testing)

KAZAKOV, Nikolay Fedotovich, kand. tekhn. nauk; BRYANTSEVA, V.P.,
inzh., ved. red.; RUKAVISHNIKOV, V.I., red.; SOROKINA, T.M.,
tekhn. red.

[Changes in the hardness of cutting tool materials and those of
parts being machines under the effect of heating] Izmenenie tver-
dosti materialov rezhushchego instrumenta i obrabatyvaemykh de-
talei pri nagreve. Moskva, Filial Vses. in-ta nauchn. i tekhn.
informatsii, 1957. 25 p. (Peredovoi nauchno-tekhnicheskii i
proizvodstvennyi opyt. Tema 20. No. M-57-129/7) (MIRA 16:3)
(Metal cutting)
(Metals, Effect of temperature on)

VESELOVSKIY, Sergey Ivanovich, inzh.; SHELKOV, N.I., inzh., ved.
red.; RUKAVISHNIKOV, V.I., inzh., red.; SMIRNOV, B.M.,
tekh. red.

[Manufacturing low-module gear tail cutters] Izgotovlenie
melkomodul'nykh khvostovykh dolbiakov. Moskva, Filial Vses.
in-ta nauchn. i tekhn. informatsii, 1957. 45 p. (Peredovoi
nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11.
No.M-57-15/1) (MIRA 16:3)

(Metal-cutting tools)

POYDA, A.A.; KOKOSHINSKIY, I.G.; TITOV, A.N., retsenzent; MOISEYEV, G.A., retsenzent; KHARLANOV, P.G., retsenzent; KESAREV, A.P., retsenzent; RUKAVISHNIKOV, Yu.A., retsenzent; MEDVEDEV, G.G., retsenzent; PALKIN, A.P., retsenzent; BOL'SHAKOV, A.S., retsenzent; KHITROVA, N.A., .tekhn.red.

[Mechanical equipment of diesel locomotives] Mekhanicheskoe oborudovanie teplovozov. Moskva, Transzheldorizdat, 1963.
463 p. (MIRA 17:2)

YAKOBI, M.A., kand.tekhn.nauk; RUKAVISHNIKOV, V.A., inzh.

Industry-wide conference on increasing the reliability and durability
of tractors and self-propelled chassis. Trakt. i sel'khoz mash.
no.9:48 S '65. (MIRA 18:10)

S/194/61/000/011/014/070
D256/D302

AUTHORS: Nikitin, V.I., Vel't, I.D. and Rukavishnikova, V.K.

TITLE: Induction (electromagnetic) flowmeters of the "RI" type

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 11, 1961, 29-30, abstract 11 A242 (V sb. Teplo-energ. i khimikotekhnol. pribory i regulatory. M.-L., Mashgiz, 1961, 134-140)

TEXT: Flowmeters for electrically conducting liquids developed by NIIT (Thermal Instrumentation Institute) are described. The principle of induction flowmeters is presented and a description is given of a unit consisting of a converter, amplifier, measuring instrument and remote control panel. A table includes basic information on induction flowmeters of the following types: PM-10 (RI-10), 20, 25, 50 and 80 (range in m³/hour, and types of converters). Preliminary results of testing are in agreement with the

Card 1/2

Induction (electromagnetic)...

S/194/61/000/011/014/070
D256/D302

technical specifications of the instruments. [Abstracter's note:
Complete translation]

✓

Card 2/2

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Prinsipali uchastiye:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.;
BAZHENOV, A.N.; MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

RUKAVISHNIKOV, V. V.

1
4E2C

Analysis of the Indices and Special Features of the Electric
Melting of Ferrosilicon and Silichrome at Two Works. V. V.
Rukavishnikov and V. A. Kravchenko (Sib. 1956, 111,
989-991) (in Russian). Analysis of materials and ob-
servations at the Chelyabinsk and Zlatoust
ferro alloy works shows that in the period 1950-54 the practice
at the former deteriorated more and more compared with that
at the latter. This deterioration is attributed to insufficient
immersion of electrodes and poor slag removal. Experience
at Zlatoust shows that elevated ferrosilicon slag viscosity
cannot be attributed to the presence of pieces of carborun-
dum. The destruction of the middle and upper parts of the
electrode sticks at Chelyabinsk is considered to be a conse-
quence not of washing away of carborundum previously
solidified on the walls, but of insufficient electrode immersion.
An editorial note suggests that the explanations offered are
incomplete. — S. K.

RB
WTT

BUKAVISHNIKOV, V.V.

Improving the quality of electrode composition for self-caking
electrodes. Stal' 18 no.3:281-285 Mr '58. (MIRA 11:3)

1. Zaporozhskiy zavod ferrosplavov.
(Electrodes)

РУКАВИШНИКОВ, В. В.

AUTHOR: Rukavishnikov, V.V.

133-58-3-28/29

TITLE: On Improving the Quality of the Electrode Mass for Self-sintering Electrodes (Ob uluchshenii kachestva elektrodnoy massy dlya samospekayushchikhsya elektrodov)

PERIODICAL: Stal', 1958, Nr 3, pp 281 - 285 (USSR)

ABSTRACT: The quality of the electrode mass for self-sintering electrodes is controlled by standards TU 2038-47 which, according to the author, do not characterise the quality of the mass from the consumer point of view. On the author's initiative in the laboratory of the DEZ (Dneprovsk Electrode Works), tests of electrode masses produced by the latter works, as well as the Lipetskiy and Zestafonskiy Ferro-alloy Works were carried out (Table 1). A wider investigation of electrode masses used on ferro-alloy works of the Soviet Union was done with the co-operation of Glavspetsstal' in 1956 (Tables 2-5). The results obtained indicated that electrode masses used on various works varied considerably in quality. It is considered that new standards should be developed which would include technological tests of electrode masses. Until such standards are approved, the use of standards TU 2616-50 at present used in the aluminium industry is recommended.

Card1/2 There are 6 tables and 2 Soviet references.

РСК. В.В. РСК. В.В.

ДISTR 18 42-31-4047

Smelting of ferroalloy

V.V. Rukavishnikov and N.V.

133-58-3-28/29

On Improving the Quality of the Electrode Mass for Self-sintering
Electrodes

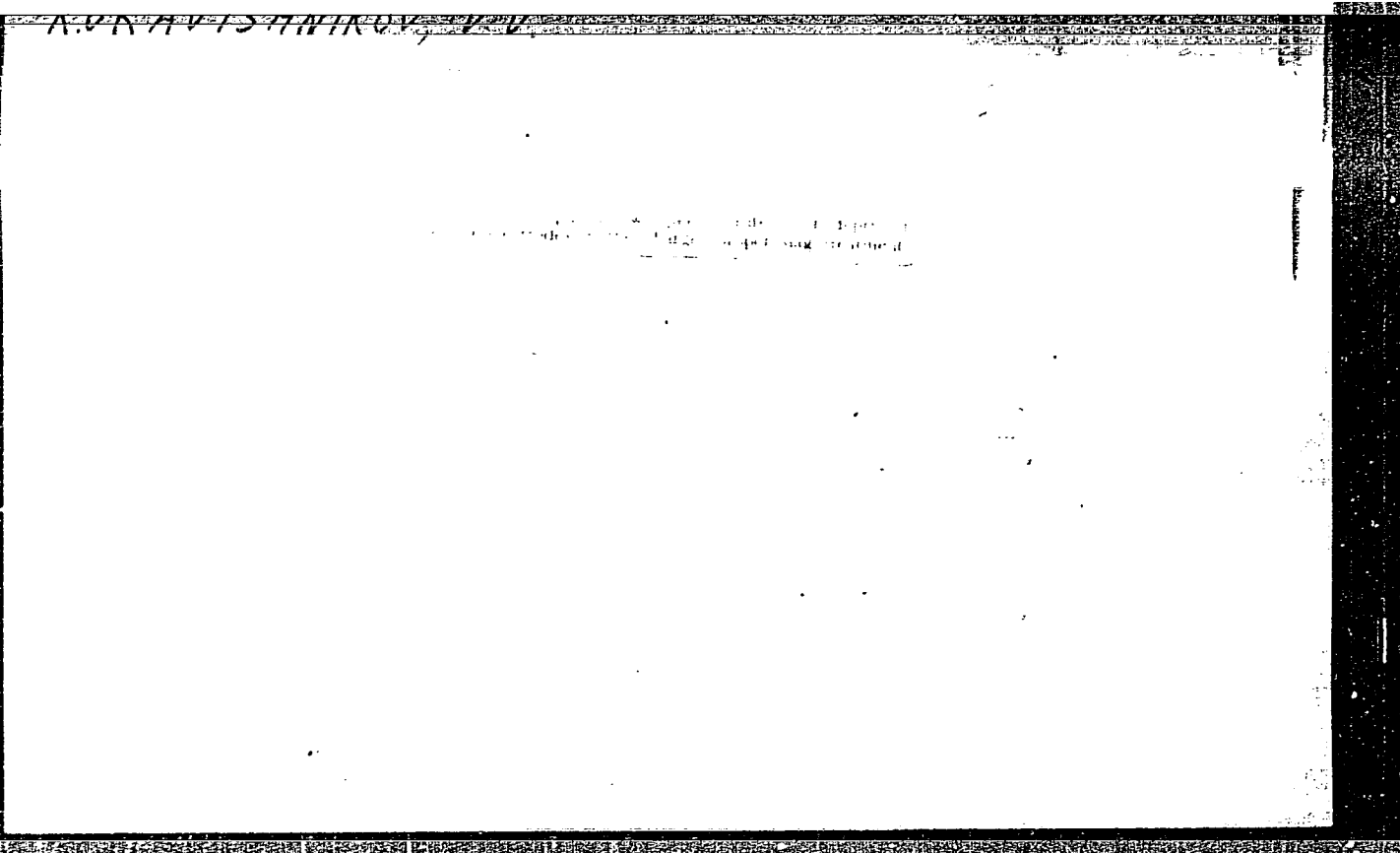
ASSOCIATION: Zaporozhskiy zavod ferrosplavov
(Zaporozh'ye Ferro-alloy Works)

AVAILABLE: Library of Congress

Card 2/2

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R001446010015-9



APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R001446010015-9"

RUKAVISHNIKOV, Yu.M.

Protective action of alanine and proline on the hereditary
structures of marrow cells in mammals irradiated with X rays.
Radiobiologiya 3 no.4:612-614 '63. (MIRA 17:2)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya
AN SSSR, Novosibirsk.

L 13580-63

EWT(1)/EWT(m)/BDS AMD/ASD/AFFTC AR/K

ACCESSION NR: AP3003940

8/0205/63/003/004/0612/0614

AUTHOR: Rukavishnikov, Yu. M.

55
54

TITLE: Protective effect of alanine and proline on hereditary structures of x-irradiated bone-marrow cells /9

SOURCE: Radiobiologiya, v. 3, no. 4, 1963, 612-614

TOPIC TAGS: radioprotector, alanine, proline, chromosome aberration

ABSTRACT: White mice two months old were injected with alanine (1 mg per 1 g body weight) 30 to 45 min before x-irradiation with 18, 25, or 50 r from an RUM-5 apparatus. The number of cells with chromosome aberrations was determined in the bone marrow from the femur or humerus 24 and 72 hr after exposure. Irradiated intact mice (with or without administration of 0.3 ml physiological solution) served as controls. The frequency of chromosome aberrations produced by x-irradiation was not markedly affected by administration of physiological solution before exposure. The maximum number of chromosome aberrations produced by doses of 18 to 50 r was observed within 24 hr after exposure. It dropped markedly during the next 2 days, but remained at a high level when the animals were irradiated with

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L 13580-63

ACCESSION NR: AP3003940

a dose of 100 r. The effectiveness of alanine protection against x-irradiation with a dose of 50 r is given as 62%. The effectiveness of l-proline (0.75 mg per 1 g body weight) injected 30 to 45 min before irradiation with 100 r was 57% after 24 hr and 98.3% after 72 hr. The increase in the effectiveness is probably caused by the restitution of chromosome aberrations induced by alanine or proline. The radioprotectors were not toxic when used in the above doses. Orig. art. has: 2 tables.

ASSOCIATION: Institut tsitologii i genetiki SO AN SSSR, Novosibirsk (Institute for Cytology and Genetics, SO AN SSSR)

SUBMITTED: 16Jul62

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: AM

NO REF SOV: 007

OTHER: 006

Card 2/2

RUKAVISHNIKOVA, A.; SLOBOSZHANINOVA, T.

Servicing baking plants by the brigade method. Avt. transp.
43 no.1:14 Ja '65. (MIRA 18:3)

1. Sverdlovskoye avtouppravleniye.

AYMUKHAMEDOVA, G.B.; RUKAVISHNIKOVA, Ye.P.

Oxidative degradation of pectic substances of different origins.
Izv. AN Kir. SSR. Ser. est. i tekhn. nauk 3 no.2:5-11 '61.
(MIRA 16:7)

(Pectin)

AYMUKHAMEDOVA, G.B.; RUKAVISHNIKOVA, Ya.P.

Acceleration of sucrose hydrolysis in the presence of calcium
and magnesium pectins. Izv. AN Kir. SSR. Ser. est. i tekhn.
nauk 3 no.2:23-27 '61. (MIRA 16:7)

(Sucrose) (Hydrolysis) (Pectin)

42686

S/747/62/000/000/007/025
D268/D307

27.12.20

AUTHORS: Kerkis, Yu. Ya., Ronichevskaya, G. M., Rukavishnikov, Yu. M., Naumenko, Yu. N.

TITLE: Genetic radiosensitivity of sexual and somatic cells in different mammalian species

SOURCE: Radiatsionnaya genetika; sbornik rabot. Otd. biol. nauk AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 91-96

TEXT: Results are presented of studies of disturbances in the nuclear apparatus, germinal epithelium at the spermatocyte stage of the 1st order, and in cerebral hemopoietic cells in guinea pigs, rats, mice and rabbits, taking the rate of chromosome reorganization as shown morphologically by the development of bridges and fragments in the ana- and telophases during mitosis and meiosis as criteria of the injurious effect of small doses of irradiation. Young sexually mature male animals were irradiated with x rays at an initial dose of 4 r, the testes were removed at 1, 3 and 6 days after irradiation, and the brain was extracted after 24 hours. At

Card 1/2

Genetic radiosensitivity of ...

S/747/62/000/000/007/025
D268/D307

4 r in spermatocytes and cerebral hemopoetic cells in guinea pig there were 10 and 2-fold increases in the chromosome reorganization rate respectively, and in rat 2.5 and 2-fold respectively. The respective increases in mice occurred at 18 and 25 r. In rabbit there was possibly some increase for spermatocytes at 25 and 100 r, with an over 2-fold increase at 150, and a 3-fold increase at 200 r, for cerebral hemopoetic cells. These marked differences established in the radiosensitivity of the chromosome apparatus in different mammalian species are significant in relation to the possible effect of the genotype and the physiological condition of the body or individual organs on radiosensitivity in general and especially in relation to small doses. There is 1 table. ✓

ASSOCIATION: Institut tsitologii i genetiki SO AN SSSR, Novosibirsk (Institute of Cytology and Genetics, Siberian Branch, AS USSR, Novosibirsk)

Card 2/2

ARNOL'DOV, I.E.M.; GONTA, T.T. [Gonta, T.T.]; KALECHITS', V.V.;
MIKHNEKO, O.I.; MEYFAN, Ya.M.; MURZIN, O.M.; SAVICH, D.M.;
TOMASHCHUK, V.D.; SHVANSKIY, A.M. [Shvans'kyi, A.M.];
BOKAVISHNIKOVA, A.I., red.; RYTBURD, L., red.; GORKAVENKO, L.
[Gorkavenko, L.], tekhn.red.

[Chemical industry of the Ukraine] Khimichna promysloviat'
Ukrainy. Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1960. 128 p.
(MIRA 13:11)
(Ukraine--Chemical industries)

RUKAVISHNIKOVA, G.B., dotsent; LEBEDEVSKIY, B.N., professor, zasluzhennyy deyatel' nauki, zavednyushchiy.

Rare foreign body in the nose. Vest.oto-rin. 15 no.5:73 S-0 '53.
(MIRA 6:11)

1. Otdeleniye bolezney ukha, gorla i nosa Molotovskoy oblastnoy klinicheskoy bol'nitsy.
(Nose--Foreign bodies)

RUKAVISHNIKOV, G.B., dotsent.

Secondary suture following antrotomy. Vest.oto-rin.15 no.6:81

N-D '53.

(MLRA 7:1)

1. Iz otdeleniya bolezney ukha, gorla i nosa (zaveduyushchiy -
zasluzhennyy deyatel' nauki professor B.N.Lebedevskiy) Molotov-
skoy oblastnoy klinicheskoy bol'nitsy.

(Mastoid process--Diseases) (Sutures)

RUKAVISHNIKOVA, G.B., dotsent

Remittent form of otogenous meningitis. Zhur. ush., nos. i gorl.
bol. 20 no. 3:65 My-Je '60. (MIRA 14:4)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - zasl. deyatel'
nauki prof. B.N. Lebedevskiy) Permskogo meditsinskogo instituta.
(MENINGITIS)

RUKAVISHNIKOV, M.I.

Studying the flow of water under conditions of timber drifting.
Meteor. i gidrol. no.9:39-40 S '57. (MLBA 10:9)
(Stream measurements) (Lumber--Transportation)

POPOV, V.V., RUKAVISHNIKOV, Yu.M., SHARLAT, Ye.S.

Development of the cornea from X-irradiated skin. Nauch.dokl.vys.
shkoly;biol.nauki no.1:49-55 '58 (MIRA 11:8)

1. Predstavlena kafedroy embriologii Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.

(X RAYS--PHYSIOLOGICAL EFFECT)

(CORNEA--TRANSPLANTATION)

RUKAVISHNIKOVA, I. A.

DECEASED
c1960

1961/2

v

SEE ILC

GEOLOGY

RUZAVISHNIKOVA, O., zasluzhennyy uchitel' shkoly RSFSR.

Regional contest of young chemists. Khim. v shkole 13 no.5:80

S-O '58.

(MIRA 11:9)

(Chemistry--Competitions)

RUKAVISHNIKOVA, O., zasluzhenny uchitel' shkoly RSFSR.

Evening meeting of young chemists. Khim. v shkole 13 no.5:80 5-0
'58.

(MIRA 11:9)

(Chemistry--Study and teaching)

RUKAVISHNIKOVA, O.I. (gorod Yaroslavl')

Conclusive meeting of the chemical circle debating the problem "Con-
nection between chemistry and agriculture." Khim.v shkole 10 no.2:
55-56 Mr-Apr '55. (MIRA 8:7)
(Agricultural chemistry--Study and teaching)

RUKAVISHNIKOVA, O.I., zasluzhennaya uchitel'nitsa shkoly RSFSR
(Yaroslavl')

Develop with understanding the interest in chemistry manifested
by young minds. Khim.v shkole 15 no.1:80-82 Ja-F '60.

(MIRA 13:5)

(Chemistry--Study and teaching)

1. RUKAVISHNIKOVA, O. I.
2. USSR (600)
4. Chemistry - Study and teaching
7. Attempt at conducting evenings devoted to chemistry at school, Khim. v shkole, No. 5, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

RUKAVISHNIKOVA, O.M. (s. Berezovo Kurganskoy obl.)

How to enliven a geographical map. Geog. v shkole no. 4:61-62 J1-Ag
'54. (MLRA 7:8)
(Geography--Study and teaching)

ZHELEZTSOV, A.D.; BRAILOVSKIY, A.A.; GIL'MAN, A.M.; KOROLEV, V.I.;
RUKAVISHNIKOVA, O.V.

Instrument used for recording trajectory movement. Rech.
transp. 18 no.5:45-46 My '59. (MIRA 12:9)
(Recording instruments) (Aids to navigation)

RUKAVISHNIKOVA, T.B.; SENKEVICH, M.A.

First findings of upper Ordovician flora in Kazakhstan. Mat. po 1st.
fauny i flory Kazakh. 2:157-160 '58. (MIRA 11:7)
(Chu-Ili Mountains--Paleobotany, Stratigraphic)

BORUKAYEV, R.A., akad.; BORSUK, B.I.; KELLER, B.M.; AYTALIYEV, Zh.A.;
BOGDANOV, A.A.; BUBLICHENKO, N.L.; BYKOVA, M.S.; GALITSKIY, V.V.;
MEDOYEV, G.Ts.; MYAGKOV, V.M.; ORLOV, I.V., RUKAVISHNIKOVA, T.B.;
SHLYGIN, Ye.D.; NIKITIN, I.F., uchenyy sekretar'; SENKEVICH, M.A.,
uchenyy sekretar'.

[Resolutions of the Conference on the Unification of Stratigraphic
Charts of the Pre-Paleozoic and Paleozoic of Eastern Kazakhstan]
Rezoliutsiia po unifikatsii stratigraficheskikh skhem dopaleozoya
i paleozoya vostochnogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk
Kazakhskoi SSR, 1958. 36 p. (MIRA 11:12)

1. Soveshchaniye po unifikatsii stratigraficheskikh skhem dopaleozoya vostochnogo Kazakhstana. Alma-Ata, 1958. 2 Akademiya nauk Kazakhskoy SSR, predsdatel' soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana (for Borukayev). 3. Zam.predsdatelya soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana; Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut (for Borsuk). 4. Zam.predsdatelya soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya vostochnogo Kazakhstana; Geologicheskii institut Akademii nauk SSSR (for Keller). 5. Ministerstvo geologii i okhrany nedr Kazakhskoy SSR (for Aytaliyev, Myagkov). 6. Moskovskiy gosudarstvennyy universitet im. M.V.
- (Continued on next card)

BORUKAYEV, R.A.---(continued) Card 2.

Lomonosova (for Bogdanov). 7. Altayskiy gorno-metallurgicheskiy nauchno-issledovatel'skiy institut Akademii nauk Kazakhskoy SSR (for Bublichenko). 8. Institut geologicheskikh nauk Akademii nauk Kazakhskoy SSR (for Bykova, Galitskiy, Medoyev, Shlygin, Nikitin). 9. Tsentral'no-Kazakhstanskoye geologicheskoye upravleniye (for Orlov). 10. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye (for Rukavishnikova, Senkevich).
(Kazakhstan--Geology, Stratigraphic)

BORUKAYEV, R.A., akademik, otv.red.; AYDALIYEV, Zh.A., red.; BUBLICHENKO, N.L., red.; BYKOVA, M.S., red.; GALITSKIY, V.V., red.; IVSHIN, N.K., red.; MEDOYEV, G.TS., red.; NIKITIN, I.F., red.; RUKAVISHNIKOVA, T.B., red.; SENKEVICH, M.A., red.; SHLYGIN, Ye.D., red.; SEMENOV, M.N., red.; PROKHOROV, V.P., tekhn.red.

[Transactions of the conference on the unification of stratigraphic diagrams of the Pre-Paleozoic and Paleozoic in eastern Kazakhstan, Alma-Ata, May 12-17, 1958.] Trudy Soveshchaniya po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya Vostochnogo Kazakhstana. Alma-Ata. Izd-vo Akad.nauk Kazakhskoi SSR. Vol.1. [Pre-Paleozoic, Cambrian, Ordovician, Silurian] Dopaleozoi, kembrii, ordovik, silur. 1960. 296 p. (MIRA 13:6)

1. Soveshchaniye po unifikatsii stratigraficheskikh skhem dopaleozoya i paleozoya Vostochnogo Kazakhstana. Alma-Ata, 1958. 2. Predsedatel' Orgkomiteta stratigraficheskogo soveshchaniya; AN KazSSR; Institut geologicheskikh nauk AN KazSSR (for Borukayev). 3. Institut geologicheskikh nauk AN KazSSR (for Nikitin). 4. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye (for Rukavishnikova).
(Kazakhstan--Geology, Stratigraphic)

BORUKAYEV, R.A., otv.red.; AYTALIYEV, Zh.A., red.; BUBLICHENKO, N.L., red.;
BYKOVA, M.S., red.; GALITSKIY, V.V., red.; MEDOYEV, G.TS., red.;
NIKITIN, I.F., red.; RUKAVISHNIKOVA, T.B., red.; SENKEVICH, M.A.,
red.; SHLYGIN, Ye.D., red.; SEMENOV, M.N., red.; PROKHOROV, V.P.,
tekhn.red.

[Transactions of the Conference on the Unification of Stratigraphic
Scales of the Pre-Paleozoic and Paleozoic in Eastern Kazakhstan.
Alma-Ata, 1958] Trudy Soveshchaniya po unifikatsii stratigraficheskikh
skhem dopaleozoya i paleozoya Vostochnogo Kazakhstana. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi SSR. Vol.2. [Devonian, Carboniferous,
Permian] Devon, karbon, perm'. 1960. 253 p. (MIRA 13:8)

1. Soveshchaniye po unifikatsii stratigraficheskikh skhem dopaleozoya
i paleozoya Vostochnogo Kazakhstana. Alma-Ata, 1958. 2. Altayskiy
gornometallurgicheskii nauchno-issledovatel'skiy institut AN KazSSR
(for Bublichenko). 3. Institut geologicheskikh nauk AN KazSSR (for
Bykova). 4. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye (for
Senkevich).

(Kazakhstan--Geology, Stratigraphic)

RUKAVISHNIKOVA, T.B.

KAPLUN, L.I.; RUKAVISHNIKOVA, T.B.

Boundary between the Silurian and Devonian in the northwestern part
of the Balkhash region. Izv. AN SSSR. Ser. geol. 23 no.11:59-70 N
'58. (MIRA 12:1)

1. Yuzhno-Kazakhstanskeye geologicheskoye upravleniya, g. Alma-Ata.
(Balkhash region--Geology, Stratigraphic)

Handwritten: KAZAKHSTAN
KELLER, B.M.; KOROLEVA, M.N.; RUKAVISHNIKOVA, T.B.; CHETVERIKOVA, N.P.;
CHUGAYEVA, M.N.

Data for establishing a single stratigraphic scale for the Ordovician of Kazakhstan. Sov. geol. no.52:34-46 '56. (MLRA 10:4)
(Kazakhstan--Geology, Stratigraphic)

RUKAVISHNIKOVA, T. B., CAND GEOL ~~AND MINERAL~~ SCI, "STRATIGRAPHY AND BRACHIOPODA OF THE URDOVICIAN PERIOD OF SOUTH-EASTERN KAZAKHSTAN." ^{Report} ~~A PAPER~~ ON PUBLISHED WORKS ^g SUBMITTED IN ^{academic} ~~PLACE~~ OF A DISSERTATION IN COMPETITION FOR THE ~~UNIVERSITY~~ DEGREE OF CANDIDATE OF GEOL ~~AND MINERAL~~ SCIENCES. ALMA-ATA, 1961. (MIN OF GEOLOGY AND MINERAL CONSERVATION KAZSSR. SOUTH KAZAKHSTAN GEOL ADMINISTRATION). (KL-DV, 11-61, 213).

KELLER, B.M.; RUZAVISHNIKOVA, T.B.

Tremadoc and adjacent sediment in the Kendyktas Ridge. Trudy GIN
no.18:22-28 '61. (MIRA 14:6)
(Kendyktas Ridge--Paleontology, Stratigraphic)

RUKAVISHNIKOVA, T.B.

Lower Ordovician Brachiopoda in the Kendyktas Ridge. Trudy GIN
no. 18:29-54 '61. (MIRA 14:6)
(Kendyktas Ridge---Brachiopoda, Fossil)

RUKAVISHNIKOVA, T.B.

Erachiopods of the Upper Silurian of the northern Balkhash region.
Mat. po geol. i pol. iskop. Kazakh. no.1:38-63 '61. (MIRA 15:3)
(Balkhash region--Brachiopoda, Fossil)

SOV/11-58-11-5/14

AUTHORS: Kaplun, L.I. and Rukavishnikova, T.B.

TITLE: The Boundary Between the Silurian and Devonian Formations in the North-East Part of the Balkhash Region (Granitsa Silura i Devona v severo-vostochnom Pribalkhash'ye)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958, Nr 11, pp 59 - 70 (USSR)

ABSTRACT: The South-Kazakhstan Geological Administration in making extensive studies of the north-eastern part of the Balkhash region, have fixed the boundary between the Silurian and Devonian formations. M.A. Borisjuk and O.P. Kovalevskiy (VSEGEI) classified numerous samples of fossilized fauna from these formations and they found that the fauna from the Silurian formation belonged to the Llandoveryian and Upper-Ludlow stages, and the fauna from the Devonian formation belonged to the Gedinian and Coblenzian stages. The gradual evolution of the fauna in these formations shows that at that period, the region was a maritime basin, in which the uninterrupted accumulation of sediments continued. The Silurian and Devonian formations are single geological structures with gradual transition, which proves that at that time there were no orogenic movements in the region.

Card 1/2

SOV/11-58-11-5/14

The Boundary Between the Silurian and Devonian Formations in the North-East Part of the Balkhash Region

The presence of fossils belonging to the Upper-Ludlow, Gedinian and Coblenzian stages and their gradual evolution shows that the exact boundary between the Silurian and Devonian formations can be fixed only on the basis of the transformation of these fossils. There are 2 photos, and 7 tables and 5 Soviet references.

ASSOCIATION: Yuzhno - Kazakhstanskoye geologicheskoye upravleniye, g. Alma-Ata (The South Kazakhstan Geological Administration, Alma-Ata)

SUBMITTED: March 8, 1958

1. Geology 2. Paleocology 3. Geological time--Determination

Card 2/2

GRUSHKO, Ya.M.; DIKUN, P.P.; SHABAD, L.M.; RUKAVISHNIKOVA, T.I.; ZAK, L.M.;
VLASENKO, O.M.

Comparative study of air contamination by a cancerogenic substance
(3,4-benzopyrene) in Irkutsk and Angarsk [with summary in English].
Gig. i san. 23 no.4:7-10 Ap '58. (MIRA 11:6)

1. Iz kafedry obshchey gigiyeny Irkutskogo meditsinskogo instituta,
laboratorii eksperimental'noy onkologii Instituta onkologii AMN
SSSR, Irkutskoy oblastnoy sanitarno-epidemiologicheskoy stantsii i
Irkutskogo energeticheskogo upravleniya.

(AIR POLLUTION, determ.

by 3,4 benzopyrene in sampling of snow flakes (Rus))

(BENZOPYRENES, determ.

3,4 benzopyrene in sampling of snow flakes in air
pollution determ. (Rus))

RUKAVISHNIKOVA, V.G.

Tissular nature of the so-called alveolar sarcoma of soft tissues.
Vop. onk. 11 no.10:52-58 '65. (MIRA 18:10)

1. Iz patologoanatomicheskoy laboratorii (nauchnyy rukovoditel' raboty - deystvitel'nyy chlen AMN SSSR prof. M.F.Glazunov; zav. laboratoriyey - doktor med.nauk S.F.Serov) Instituta onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki - prof. A.I.Serebrov).

EXCERPTA MEDICA Sec 16 Vol 7/12 Cancer Dec 59

*5118. Dystrophic changes of the liver in cancer of various localization
(Russian text) RUKAVISHNIKOVA V. G. Dissecting Dept., Frunze District Hosp.,
Leningrad *Vopr. Onkol.* 1959, 5/9 (269-273) Graphs 1 Tables 2

In 90 persons who had died from cancer, the liver was examined at autopsy and histologically. In 62 cases marked atrophic and dystrophic changes were seen. Focal necroses were found in 25 cases both in livers with metastases and in livers not so affected. Necroses were especially frequent in patients dead from cancer of the digestive tract. (XVI, 5)

RUKAVISHNIKOVA, V. G.

Cand Med Sci - (diss) "Changes in the liver during cancer of various primary localizations." Leningrad, 1961. 13 pp; (Ministry of Public Health USSR, Central Scientific Research Inst of Med Radiology); 250 copies; price not given; (KL, 6-61 sup, 240)

RUKAVISHNIKOVA, V. G.

Metastatic diffuse carcinomatosis of the liver. Vop. onk. 7 no.9:
73-76 '61. (MIRA 14:12)

1. Iz prozektury bol'nitsy Frunzenskogo rayona g. Leningrada
(konsul'tant-prozektor - prof. S. S. Vayl')

(LIVER--CANCER)

YETS, A.G., dotsent: RUKAVISHNIKOVA, V.I.; BOLDIN, K.M.

Surgical treatment of acute and subacute thrombophlebitis of the
dermal veins of the lower extremities. Sov.med. 24 no.1:127-130
Ja '60. (MIRA 13:5)

1. Iz kliniki obshchey khirurgii (zav. - dotsent G.A. Dudkevich)
Yaroslavskogo meditsinskogo instituta.
(THROMBOPHLEBITIS surgery)
(LEG blood supply)

S/081/61/000/024/035/086
B117/B147

AUTHORS: Nikitin, B. I., Vel't, I. D., Rukavishnikova, V. K.

TITLE: Electromagnetic induction flowmeters of the PM(RI) type

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 300, abstract 24I160 (Sb. "Teploenerg. i khimiko-tekhnol. pribory i regulatory". M.-L., Mashgiz, 1961, 134 - 140)

TEXT: A description is given of design and operating principle of electromagnetic flowmeters developed by NIITeplopribor. The instruments can be used to measure the consumption of any media with an electrical conductivity of at least $10^{-4} \text{ ohm}^{-1} \text{ cm}^{-1}$. The liquid may be aggressive and contain slime and abrasive impurities. The error in measurement of the whole set of instruments amounts to $\pm 2.5\%$ of the scale range. The flowmeters are designed for a static operating pressure of 24 kgf/cm^2 . The distance between transformer and amplifier is not greater than 10 m, and that between amplifier and measuring instrument is up to 100 m. The scale is linear. The instruments were developed in five standard sizes. They measure a

Card 1/2

Electromagnetic induction ...

S/081/61/000/024/035/086
B117/B147

maximum consumption of 0.32 to 50 m³/hr, and the tubes have internal diameters of 10, 20, 25, 50, and 80 mm. The instruments are fed with 127/220v through a separating transformer. At present, they are being tested in industry. [Abstracter's note: Complete translation.] ✓

Card 2/2

18

18 RUKAVISHNIKOVA, V.K.

PHASE I BOOK EXPLOITATION SOV/5519

Kremlevskiy, P. P., Candidate of Technical Sciences, ed.

Teplotnergeticheskiye i khimiko-tekhnologicheskyye pribory i regulatory (Instruments and Regulators in Heat-Power and Chemical Engineering) Moscow, Mashgiz, 1981. 207 p. Errata slip inserted. 8,500 copies printed.

Ed. of Publishing House: G. A. Duduev; Tech. Ed.: L. V. Shchetinina; Managing Ed. for Literature on the Design and Operation of Machines, Leningrad Department, Mashgiz: P. I. Peltov, Engineer.

PURPOSE: This book is intended for engineers and technicians who construct, design, and operate industrial instruments and regulators.

COVERAGE: The book deals with new investigations in the field of automatic checking and regulation of heat-power and chemical industrial processes. The following problems are discussed: improvement of two-position

control operation; effect of mass action and damping on proportional control; new proportional plus integral and programming electronic regulation systems; complete automation of open-hearth furnaces; automation of boilers with variable load capacity; measurement of pulsating flow; measurement of dust flow; ultrasonic and magnetic-induction flowmeters; pneumatic compensating differential manometers; aggressive-fluid flowmeters; new magnetic and optical-analytical gas analyzers; concentration meters; and chlorine and coal-gas regulators. The book is the fifth in a series containing reports on the investigations carried out by the Section on Heat-Engineering Control Instrumentation and Automation of the Leningradskoye otdel'noye Nauchno-tekhnicheskogo obshchestva pri Sovetskoy promyshlennosti (Leningrad Branch of the Scientific and Technical Society of the Instrument-Building Industry.) All the articles presented in this book were discussed either at sessions of the above section or at the conference on measurements of mechanical quantities called by the section, the VNIIM (Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D. I. Mendeleeva -- All-Union Scientific Research Institute of Metrology) and D. I. Mendeleev, and the Leningradskiy dom ucheykh im. A. M. Gor'kogo (Leningrad House for Scientists' Inert A. M. Gor'kiy). No personalities are mentioned. There are 65 references: 41 Soviet, 20 English, and 4 German. References accompany most chapters.

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РУКАВИШНИКОВА, В.М.

KORCTKOVA, K.V., dots.; RUKAVISHNIKOVA, V.M.

Treatment and prevention of whooping cough by sulfodiazine. Vop.okh.
mat. i det. 3 no.3:40-42 My-Je '58. (MIRA 11:5)

1. Iz kliniki detskikh bolezney (zav.-prof. A.I. Perevoshchikova)
Izhevskogo meditsinskogo instituta.
(WHOOPIING COUGH) (AMINES)

USSR / Pharmacology and Toxicology--Chemotherapeutic
Preparations

V-6

Abs Jour: Ref Zhur-Biol, No 23, 1958, 10739⁴

Author : Korotkova, K. V., Rukavishnikova, V. M.

Inst : Not given

Title : The Treatment and Prophylaxis of Whooping Cough
by Sulfodiamin

Orig Pub: Vopr. okhrany materinstva i detstva, 1958, 3,
No 3, 40-42

Abstract: Sulfodiamin (preparation 805) (S) was used on 80
children affected with noncomplicated whooping
cough, on 15 with whooping cough associated with
pneumonia, and on 78 healthy children who were in
contact with those affected with whooping cough

Card 1/2

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Prinsipali uchastiye:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.; BAZHENOV, A.N.;
MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

AYMUKHAMEDOVA, G. B.; DAISHEV, M. I.; ZAKHAROV, K. P.; RUKAVISHNIKOVA,
Ye. P.

Preparation of glutamic acid, acidol, and other valuable substances by the ion-exchange flowsheet from molasses and waste products of its processing. Izv. AN Kir. SSSR. Ser. est. i tekhn. nauk 4 no. 6:5-9 '62. (MIRA 17:5)

AYMUKHAMEDOVA, Mariya (Gul'sum) Buranovna; RUKAVISHNIKOVA,
Yelizaveta Prokhorovna; BAKASOVA, Z., otv. red.;
RASPONOMAREVA, V.I., red.

[Chemical control of the processes of production of
glutamic acid, betaine, and their derivatives by the ion
exchange method] Khimicheskii kontrol' protsessov poluche-
niia glutaminovoi kisloty, betaina i ikh proizvodnykh io-
noobmennym metodom. Frunze, Izd-vo AN Kirg.SSR, 1963. 57 p.
(MIRA 17:4)

Rukavishnikova, Ye. P.

AYMUKHAMEDOVA, G.B.; RUKAVISHNIKOVA, Ye.P.

Nature of the inverting effect of some pectins on saccharose in
aqueous solutions. Izv. AN Kir. SSR no.5:21-33 '58. (MIRA 11:7)
(Pectin) (Sugar--Inversion)

AYMUKHAMEDOVA, G.B.; RUKAVISHNIKOVA, Ye.P.; KOVALENOK, Z.P.

Effect of some pectins on saccharose in aqueous solutions.
Izv. AN Kir.SSR no.4:119-135 '57. (MLRA 10:7)
(Pectin) (Sucrose)

PERLEY, Ye.M., inzh.; RUKAVTSOV, A.M., inzh.

Bearing capacity of reinforced concrete sell piles. Nov. tekhn.
mont. i spets. rab. v stroi. 21:22-23 Je '59. (MIRA 12:8)

1. Nachno-issledovatel'skiy institut gidrotekhnicheskikh i sanitarno-
tekhnicheskikh rabot i Upravleniye nachal'nika rabot No.325 Baltspets-
gidrostroya.

(Piling (Civil engineering))

PERLEY, Ye.M., inzh; RUKAVTSOV, A.M., inzh.

Load capacity of piles sunk by the vibration method. Nov.tekh. i
pered. op. v stroi. 19 no.12:14-17 D '57. (MIRA 11:1)
(Concrete piling)

17(4)
AUTHORS:

SOV/20-128-2-49/59
Kerkis, Yu. Ya., Ronichevskaya, G. M., Rukavishnikov, Yu. M.

TITLE:

On the Cytogenetic Effect of Small Doses of Ionizing Radiation in Mammals

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 2, pp 397 - 399 (USSR)

ABSTRACT:

The purpose of the present investigation is to determine the degree of the change of the chromosome apparatus caused by the effect of X-rays mentioned in the title. The frequency of the chromosome changes in the spermatogonia was chosen as a criterion. This change is expressed by chromosome bridges and -fragments which were counted in the anaphases of the mitoses. Here the cytologic effect of the dose of 4 r (for 60 sec) was investigated. Young grown-up guinea pigs were used for this purpose. Their testicles were fixed 1, 3, 6, 30 and 60 days after the irradiation. As may be seen from table 1 the frequency of the changed anaphases is on the average 0.88% in not irradiated animals (controls). Anaphases with single chromosome bridges (Fig 1 a,b) are found most frequently. Table 1 shows that during the first 72 hours more than 11% of chromo-

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some changes were observed in the spermatogonia of the guinea pig. These disturbances may be observed for a long time (still 5% after 60 days). The most frequent type of disturbance is the rupture of the chromosomes which leads to the formation of chromosomes and chromatid bridges (Figs 1a,b,g). Sometimes acentric chromosome fragments are simultaneously formed (Fig 1v). Chromatid bridges are found more rarely. There are also multiple bridges - up to the 4-fold - in a single anaphase (Fig 1d). This indicates a deep apparently lethal disturbance of the nuclear apparatus of the cell. These data indicate a high sensitivity of the chromosome apparatus of guinea pigs to X-ray irradiation. According to reference 1 the guinea pig is most sensitive to strong doses among all rodents. From the table it may be seen that also 2 months after the irradiation a large part of the changes can still be observed. G. G. Tinyakov and M. A. Arsen'yeva (Ref 2) found them in the sexual cells of apes even after 2 years. The cytogenetic sensitivity of guinea pigs exceeds that of the ape several times (*Macaca nucleata*). The cytogenetic effect of radiation thus depends not only on the dose but also on the physiological characteristics of the organism

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irradiated (Refs 3,4). On the basis of reference 2 N. P. Dubinin (Ref 5) changed the data on the dose of the ionizing energy which doubles the mutation frequency in man. He defined the genetic effect of the increase of the radiation background on the earth which is primarily due to nuclear weapon tests. The obtained data require a detailed investigation of the radiosensitivity of the hereditary structure of man. For this purpose tissue cultures will be used among others. There are 1 figure, 1 table, and 5 references, 4 of which are Soviet.

ASSOCIATION: Institut tsitologii i genetiki Sibirskogo otdeleniya Akademii nauk SSSR (Institute of Cytology and Genetics of the Siberian Branch of the Academy of Sciences, USSR)

PRESENTED: May 28, 1959, by I. I. Shmal'gauzen, Academician

SUBMITTED: March 17, 1959
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GORGIYEV, T.B.; KRASNOVA, V.G.; YARTSEVA, I.M.; KHODAS, N.D.; RUKAVITSA, T.Z.

Some data on mortality from influenza in Dnepropetrovsk during
the 1959 epidemic. Vop. virus. 6 no.5:628-629 3-0 '61.

(MIRA 15:1)

1. Institut epidemiologii, mikrobiologii i gigiyeny imeni N.F.Gamalei,
Dnepropetrovsk.

(DNEPROPETROVSK__INFLUENZA)

GORGIEV, T.B.; KRASNOVA, V.G.; YARTSEVA, I.M.; KHODOS, A.D.; ESTRIN, B.M.;
RUKAVITSA, T.Z.; KAPLINA, A.N.

Characteristics of the postepidemic period of influenza A2. Zhur.
mikrobiol. epid. i immun. 31 no. 10:65-71 0 '60. (MIRA 13:12)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i
gigiyeny imeni Gamalei i Dnepropetrovskoy gorodskoy sanitarno-
epidemiologicheskoy stantsii.

(INFLUENZA)

RUKAVITSIN, V.A., inzh.

Blasting in saturated soil for making a foundation pit.
Prom. stroi. 41 no.2:41-42 F '63. (MIRA 16:3)
(Blasting)
(~~Sewage~~—Purification)

PERLEY, Ye.M., inzh.; RUKAVTSOV, A.M., inzh.

Constructing a slip on precast cylindrical shell foundations without
crosspieces. Transp. stroi. 10 no.11:21-23 H '60. (MIRA 13:11)

(Ships--Launching)

(Precast concrete construction)

~~BUKATSOV, Aleksandr Mikhaylovich~~; PERLEY, Yevgeniy Mironovich; SAVINOV,
O.A., kandidat tekhnicheskikh nauk, nauchnyy redaktor; ROTENBERG,
A.S., redaktor izdatel'stva; PUL'KINA, Ye.A., tekhnicheskiy redaktor

[Experience in using vibrating pile drivers in the construction
industry] Opyt primeneniya vibropogruzhateli v promyshlennom
stroitel'stve. Leningrad, Gos.izd-vo lit-ry po stroit. i arkhit.
1957. 76 p. (MIRA 10:7)

(Piling (Civil engineering))

PERLEY, Ye.M. (Leningrad); RUKAVTSOV, A.M. (Leningrad)

Using vibration methods in casting concrete filled pedestal
piles. Osn.fund.i mekh.grun. 2 no.2:21-22 '60. (MIRA 13:8)
(Concrete piling)

PERLEY, Ye.M. (Leningrad); RUKAVTSOV, A.M. (Leningrad)

Method of making separate static tests of cylindrical shell
foundations for vertical loads. Osn., fund. i mekh. grun.
4 no.3:10-11 '62. (MIRA 15:7)
(Foundations--Testing)

PERLEY, Ye.M. (Leningrad); RUKAVTSOV, A.M. (Leningrad)

Using vibration-driven concrete piles for foundations of
apartment houses. Osn., fund. i mekh. grun. 3 no.3:23-24 '61.
(MIRA 14:7)

(Concrete piling) (Apartment houses)

SAVINOV, O.A., doktor tekhn.nauk; BODROV, G.D., kand.tekhn.nauk; BRAUDE, F.G.,
inzh.; PERLEY, Ye.M., inzh.; RUKAVTSOV, A.M., inzh.

Making and assembling foundation shells. Mont. i spets. rab. v. stroi.
22 no.12:19-21 D '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'kiy institut gidrotekhnicheskikh
i sanitarno-tekhnicheskikh rabot i UMR-325 tresta Sevzapmorgidrostroya.
(Concrete panels) (Concrete footings)

RUKAVTSOV, B.

7918. Shaposhnikov, Ye. I RUKAVTSOV, B. Ovrede alkogolya. krasnodar, kn. izd.,
1954. 48s. 20 sm. 20.000 EKZ. 75K.--(55-4203) P

613.81 / 392

SO: Knizhuaya Letopis', Vol. 7, 1955

PROKOF'YEVA, Ye.I.; RUKAVTSOV, B.I.

Rapid method for obtaining chlamydospores of *Candida albicans*.
Vest. dermat. i ven. 39 no.4:22-24 Ap '65. (MIRA 19:2)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - prof.
L.A. Neradov) i kafedra mikrobiologii (zav. - dotsent A.I.
Korot'yayev) Kubanskogo meditsinskogo instituta, Krasnodar.
Submitted June 27, 1964.

RUKAVTSOV, B.I.

26-10-19/44

AUTHOR: Rukavtsov, B.I.

TITLE: Macrophotography by Means of a Biological Microscope (Makro-fotografirovaniye pri pomoshchi biologicheskogo mikroskopa)

PERIODICAL: Priroda, 1957, No 10, p 99 (USSR)

ABSTRACT: The author describes the use of a small size "Zenit" type camera for photographing objects through a "МБИ-1" microscope. He recommends the use of microscopic objective No 3 manufactured by the firm of "Reykhert" or any other weak objective with detachable mounting. After removing the microscope's eyepiece and the front lens of the camera, the latter is placed on top of an extensible metal tube which is held by a tube holder screw, thus connecting the microscope with the camera (Figure 1). Adjustment for clear vision on the focusing screen is done by altering the distance between the film and the object to be photographed (regulating the length of the tube). The negative will show a five-fold enlargement at a tube length of 10 cm. Prints of the desired size can be obtained by appropriate projection of the negative. Photographing in artificial or natural light is equally successful. There are 2 photos.

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